TOSHIBA
Leading Innovation

Satellite™ A660-045

Model:[i]
Satellite A660-045

- Intel® Core™ i3-350M processor 2.26GHz, Genuine Windows® 7 Home Premium, 16.0" HD LED, NVIDIA GeForce® 310M, 4GB DDR3, 320GB HDD S-ATA, DVD Super-Multi Double Layer, LAN, Realtek Wireless 802.11 bgn, Integrated Web Camera, Integrated Mic

Processor

Intel® Core™ i3-350M processor (2.26GHz, 3MB L3 Cache) With Enhanced Intel®SpeedStep® Technology

Operating System

Genuine Windows® 7 Home Premium

Key Features

Toshiba Face Recognition
Toshiba Eco Utility
Hard Drive Impact Sensor
USB Sleep and Charge
USB Sleep and Music
Toshiba Media Controller
harmon/kardon Speakers
Dolby Advanced Audio
Resolution +

Memory

Standard Memory: 2GB + 2GB DDR3 (1066 MHz)
Maximum Memory: 8GB DDR3
Expansion Modules: 2GB, 4GB DDR3

Hard Disk Drive

320GB (5400 RPM); Serial-ATA hard disk drive

Optical Drive

DVD SuperMulti (+/-R double layer) drive supporting 11 formats
Maximum speed and compatibility:
Read: CD-ROM (24x), DVD-ROM (8x)
Write: CD-R (24x), CD-RW (4x), DVD-R (Single Layer (8x), DVD-R (Double Layer (4x), DVD-RW (6x), DVD+R (Single Layer (8x), DVD+R (Double Layer (4x), DVD+RW (8x), DVD-RAM (5x)

Display System

Type: 16:9 TFT Active Matrix colour LCD with LED backlight
Size (diagonal): 16.0" HD LED TFT with TruBrite™
Native LCD Panel Resolution: 1366x768x16.7 million colours
External Support and Max. Colour Support (dependent On CRT): Up to 2,048 x 1536 x 16.7 million colours

Graphics Controller

NVIDIA GeForce® 310M
Dedicated video memory: 512MB DDR3
Up to 1529MB 32bit OS) or up to 2233MB 64bit OS dynamically allocated shared graphics memory with 4GB of system memory

Sound System

Realtek ALC269Q-VB2-GR Software Sound, High Definition Audio Link, Built-in harmon/kardon speakers

Communication

10/100 integrated Ethernet LAN
Realtek Wireless LAN (802.11 bgn)
Integrated VGA Web Camera for Video over IP
Integrated microphone for Voice over IP

Expansion

2 memory slots – Each Slot has 2GB. Zero free slots. Slots can be filled with 2GB and 4GB modules

Ports: Express Card Slot, Bridge Media Adaptor (SD Card, SDHC Card, SDXC card, xD picture card, Memory Stick, Memory Stick Pro, MultiMediaCard), 3 USB 2.0, 1 USB 2.0/eSATA combo port with Sleep and Charge, RJ45, external microphone port, headphone port, RGB, HDMI CEC

Keyboard

Canadian Bilingual Keyboard
Tiled full sized 105 keys with 13 Function keys
Color: Tile Half Glossy Black

Pointing Device

Touchpad Pointing device with Gesture

Additional Software

Toshiba ConfigFree™
Toshiba Disc Creator
Toshiba DVD Player
Norton Internet Security Trial
Microsoft Office 2007 Trial
Microsoft Works 9.0

Physical Dimension

Dimensions (in mm): (WxDxH) 380.5 x 254 x 28.0/35.6
Weight: Start at 2.62kg
Color: Velvety Black

AC Adapter

75W external Universal AC adapter input voltage (100 – 240V 50/60Hz Frequency (Universal), output voltage (19V, 3.95A)
Dimensions: (WxHxD) 127 x 51 x 30.5
Weight: 310g

Battery

Battery Type: Removable, Rechargeable 6-cell Lithium Ion (Li-ion) 10.8V x 48Wh capacity
Battery Life: Up to 4.5 hours, depending on usage and Power Management Settings
Dimensions: (WxHxD) 205 x 50.5 x 20.5mm
Weight: 350g

BIOS

TSETUP, ACPI, PnP, VESA, SM BIOS, PCI BIOS Support

Security

Cable lock slot, power on password, supervisor password, HDD password

Environmental Specifications

Temperature: Operating 5˚to 35˚C (41˚ to 95˚F);
Non Operating –20˚ to 60˚C (-4˚ to149˚F)
Thermal Gradient: Operating 15˚ C per hr. max;
Non Operating 20˚ C per hr. max
Relative Humidity: Operating 20% to 80% non-condensing;
Non-Operating: 10% to 90% non-condensing
Altitude (relative to sea level): Operating: 0m to 3,000m;
Non-Operating: 0m to 10000m.
Shock: Operating: 10G; Non-Operating 60G
Vibration: Operating 0.5G; Non-Operating: 1G

Environmental Credentials

Energy Star 5.0
RoHS

Warranty

This Satellite notebook comes with a one (1) year parts and labour Limited Warranty. Note the original battery is warranted for one year from date of purchase. Pre-installed software is excluded from TCL standard limited warranty. For complete details on this warranty program and other Warranty Programs such as On-site and Next Business Day Service visit toshiba.ca/warranty

Accessories

PA3575C-1PRP Dynadock U Universal USB Docking Station
PA3778C-1PRP Dynadock V Universal USB Docking Station
PA3715C-1AC3 75W Universal AC Adapter
PA3817U-1BRS 6 Cell Battery Pack
PA3819U-1BRS 12Cell Battery Pack
PA3710U-1BTM Bluetooth v2.1+EDR USB Adaptor
PA3676U-1M2G 2GB DDR3 1066MHz memory
PA3677U-1M4G 4GB DDR3 1066MHz memory

Part Number/UPC code

PSAW3C-045017 (Bilingual)/ 6-23506-02663-5

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Central Processing Unit ("CPU") Performance Disclaimer: CPU performance in your computer product may vary from specifications under the following conditions:

- use of certain external peripheral products
- use of battery power instead of AC power
- use of certain multimedia games or videos with special effects
- use of standard telephone lines or low speed network connections
- use of complex modeling software, such as high end computer aided design applications
- use of computer in areas with low air pressure (high altitude >1,000 meters or >3,280 feet above sea level)
- use of computer at temperatures outside the range of 5°C to 35°C (41°F to 95°F) or > 25°C (77°F) at high altitude (all temperature references are approximate).

CPU performance may also vary from specifications due to design configuration. Under some conditions, your computer product may automatically shutdown. This is a normal protective feature designed to reduce the risk of lost data or damage to the product when used outside recommended conditions. To avoid risk of lost data, always make back-up copies of data by periodically storing it on an external storage

medium. For optimum performance, use your computer product only under recommended conditions. Read additional restrictions under "Environmental Conditions" in your product Resource Guide. Contact Toshiba Technical Support for more information.

Hard Disk Drive Disclaimer: 1 Gigabyte (GB) means 1,000,000,000 bytes using powers of 10. The computer operating system, however, reports storage capacity using powers of 2 for the definition of 1 GB = 1,073,741,824 bytes, and therefore shows less storage capacity. Available storage capacity will also be less if the product includes pre-installed operating system and/or application software. Actual formatted capacity may vary.

GPU: Graphics processor unit ("GPU") performance may vary depending on product model, design configuration, applications, power management settings and features utilized. GPU performance is only optimized when operating in AC power mode and may decrease considerably when operating in battery power mode.

Memory: Part of the main system memory may be used by the graphics system for graphics performance and therefore reduce the amount of main system memory available for other computing activities. The amount of main system memory allocated to support graphics may vary depending on the graphics system, applications utilized, system memory size and other factors. For PC's configured with 4 GB of system memory, the full system memory space for computing activities will be considerably less and will vary by model and system configuration.

TFT Display Disclaimer: Small bright dots may appear on your TFT display when you turn on your PC. Your display contains an extremely large number of thin-film transistors (TFT) and is manufactured using high-precision technology. Any small bright dots that may appear on your display are an intrinsic characteristic of the TFT manufacturing technology.

LCD: Over a period of time, and depending on the usage of the computer, the brightness of the LCD screen will deteriorate. This is an intrinsic characteristic of LCD technology. Maximum brightness is only available when operating in AC power mode. Screen will dim when the computer is operated on battery power and you may not be able to increase the brightness of the screen.

Weight: Weight may vary depending on actual configuration.

Battery: Battery life may vary considerably depending on product model, configuration, applications, power management settings and features utilized, as well as the natural performance variations produced by the design of individual components. Published battery life numbers are achieved on select models and configurations tested by Toshiba at the time of publication. Recharge time varies depending on usage. Battery may not charge while computer is consuming full power. After a period of time, the battery will lose its ability to perform at maximum capacity and will need to be replaced. This is normal for all batteries. To purchase a new battery pack, see the accessories information that shipped with your computer or visit the Toshiba of Canada website at toshiba.ca/accessories

Subject to Change:

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